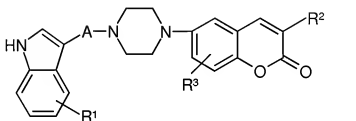


This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) ~~A compound~~ Compounds of the formula

I



in which

R^1 is H, OH, CN, Hal, CONHR, OB, CO₂B, CF₃, NR₂, NRCOR, NRCOOR or NRCONR₂,

R^2 is NR₂, NRCOR, NRCOOR, NRCONR₂, NO₂, NRSO₂R₂, NRCSR or NRCSNR₂,

R^3 is H, OH, CN, Hal, CONHR, OB, CO₂B, CF₃, NO₂, NR₂, NRCOR, NRCOOR or NRCONR₂,

R, independently of one another, are H, B, Het or Ar,

A is a straight-chain or branched, mono- or polyunsaturated carbon chain having 2, 3, 4, 5, or 6 carbon atoms,

B is a straight-chain or branched alkyl radical having 1, 2, 3, 4, 5 or 6 carbon atoms,

a ~~and~~ pharmaceutically usable prodrug[[s]], derivative[[s]], solvate[[s]], stereoisomer[[s]] ~~and~~ salt[[s]] thereof, or a ~~and~~ mixture[[s]] thereof in all ratios.

Claim 2 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that the radical R¹ is CN or Hal; preferably~~ CN.

Claim 3 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that the radical R³ is H.~~

Claim 4 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1 ~~wherein characterised in that the radical R² is NRCOR or NRCOOR.~~

Claim 5 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that~~ A is (CH₂)_m, where m = 2, 3, 4, 5 or 6, preferably 4.

Claim 6 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that the radical R¹ is CN or Hal, where CN is~~ preferred, and R³ is H.

Claim 7 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that~~ R¹ is CN, R³ is H, and A is (CH₂)_m, where m = 4.

Claim 8 (Currently Amended) A compound ~~Compounds~~ of the formula I according to Claim 1, ~~wherein characterised in that the radical R¹ is in position 5 of the~~ indole radical.

Claim 9 (Currently Amended) A compound ~~Compounds~~ of the formula I ~~which is selected from the group consisting of~~

N-(6-{4-[4-(5-cyano-1H-indol-3-yl)butyl]piperazin-1-yl}-2-oxo-2H-chromen-3-yl)methylamide,

ethyl (6-{4-[4-(5-cyano-1H-indol-3-yl)butyl]piperazin-1-yl}-2-oxo-2H-chromen-3-yl)carbamate,

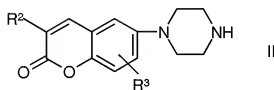
methyl N-(6-{4-[4-(5-cyano-1H-indol-3-yl)butyl]piperazin-1-yl}-2-oxo-2H-chromen-3-yl)carbamate,

N-(6-{4-[4-(5-cyano-1H-indol-3-yl)butyl]piperazin-1-yl}-2-oxo-2H-chromen-3-yl)-2,2-dimethylpropionamide,

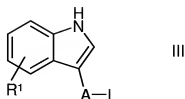
3-{4-[4-(3-amino-2-oxo-2H-chromen-6-yl)piperazin-1-yl]butyl}-1H-indole-5-carbonitrile,

or a ~~and~~ pharmaceutically usable prodrug[[s]], derivative[[s]], solvate[[s]], stereoisomer[[s]] or ~~and~~ salt[[s]] thereof.

Claim 10 (Currently Amended) A process ~~Process~~ for the preparation of compounds of the formula I according to Claim 1, comprising reacting ~~characterised in that a~~ compound of ~~the~~ formula II

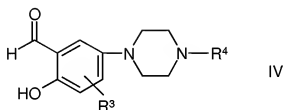


in which R² and R³ are as defined in Claim 1, ~~is reacted~~ with a compound of the formula III

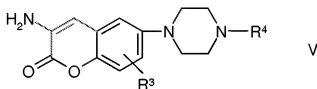


in which R¹ and A are as defined in Claim 1, and L is Cl, Br, I, OH or a reactively esterified OH group or another readily nucleophilically substitutable leaving group.

Claim 11 (Currently Amended) A process ~~Process~~ for the preparation of compounds of the formula I according to Claim 1, comprising reacting ~~characterised in that a~~ compound of the formula IV



in which R³ is as defined in Claim 1, and R⁴ is an amino-protecting group or H, ~~is reacted~~, in a Michael-analogous reaction, with ethyl nitroacetate and diethylammonium chloride, and subsequently reducing the nitro group ~~is subsequently reduced~~, to give ~~a the~~ compound of ~~the~~ formula V



and reacting the compound of the formula V is reacted with a compound conforming to the formula III.

Claim 12 (Canceled)

Claim 13 (Currently Amended) A pharmaceutical composition, ~~Medicament~~ comprising an effective amount of a compound of the formula I according to Claim 1, optionally in addition to one or more inert excipients, adjuvants and/or diluents, and a pharmaceutically acceptable carrier.

Claim 14 (Currently Amended) A composition ~~Medicament~~ according to Claim 13, further comprising ~~characterised in that~~ at least one additional further medicament active ingredient ~~is present~~.

Claim 15 (Currently Amended) A process ~~Process~~ for the preparation of a composition ~~medicament~~ according to Claim 13, comprising combining ~~characterised in~~ that a compound of the formula I and, optionally ~~if desired~~, a further medicament active ingredient is incorporated into one or more inert excipients and/or diluents by non-chemical methods.

Claim 16 (Canceled)

Claim 17 (Currently Amended) A method for treating ~~Use of the~~ compounds of the formula I according to Claim 16, ~~characterised in that the diseases are selected from the group consisting of~~ depression, strokes, cerebral ischaemia, extrapyramidal motor side effects of neuroleptics and of Parkinson's disease, Alzheimer's disease, amyotrophic lateral sclerosis, brain or ~~and~~ spinal cord trauma, obsessive-compulsive disorder, sleeping disorders, tardive dyskinesia, learning disorders, age-related memory disorders, eating disorders, ~~such as bulimia, and/or~~ sexual dysfunctions, comprising administering to a host in need thereof a compound according to Claim 1.

Claim 18 (Currently Amended) A Medicament kit consisting of separate packs of

a) an effective amount of a compound of the formula I according to Claim 1

and

an effective amount of a further medicament active ingredient.

Claim 19. (New) A method for treating depression, strokes, extrapyramidal motor side effects of neuroleptics and of Parkinson's disease, or Alzheimer's disease, comprising administering to a host in need thereof a compound according to Claim 1.